

DENSO

BHT-1200 series specification

		Bar code model	2D code model
Type		Built-in microphone receiver	Built-in microphone receiver
OS		BHT-1261BWB-CE	BHT-1261QWB-CE
CPU		Windows® Embedded CE 6.0 R3 ARM Cortex-A8 800MHz	
Memory	RAM	Mobile DDR 512MB	
	Flash ROM	2.0GB	
Display	Number of Dots ¹	320 x 480 dots (3.5 inch HVGA)	
	Display device	Liquid crystal dot matrix display (color)	
	Back light	White LED	
Scanner	Mode	Advanced scan plus (CCD)	Area sensor
	Decode	Bar code	EAN-13/8(JAN-13/8), UPC-A/E, UPC/EAN/Add-on embedded, Interleaved 2 of 5, Standard 2 of 5, CODABAR(NW-7), CODE39, CODE93, CODE128, GS1-128(EAN-128), GS1 DataBar(RSS)
		2D code	-
	Minimum resolution	Bar code 2D code	0.125mm
			0.125mm
	Marker	-	0.167mm
	Scan Confirmation		Area guide maker
Key input section	Number of keys	30 keys (excluding the power key) + 3 trigger keys	
Network	Wireless IF	Suitable standard	Comply with IEEE802.11b/g/n
		Frequency	IEEE802.11b/g/n(2.4GHz)
		Network range ²	IEEE802.11b/g/n(indoor: about 150m, outdoor: about 300m)
		Transmission speed ²	IEEE802.11b:11/5.5/2Mbps, IEEE802.11g:54/48/36/24/18/12/9/6Mbps, IEEE802.11n:65/58.5/52/39/26/19.5/13/6.5Mbps
		Security	WEP40,128, WPA-PSK(TKIP, AES), WPA2-PSK(TKIP, AES), WPA-1x(TKIP, AES/EAP-TLS, PEAP), WPA2-1x(TKIP, AES/EAP-TLS, PEAP), 802.1x(EAP-TLS, PEAP)
	Bluetooth	Bluetooth Ver2.0 + EDR based class 2	
	Cradle I/F	RS-232C / USB client	
Card slot		MicroSDHCx1	
Camera		5.0M pixel (5.0 megapixel)	* Camera with automatic focusing function
Power	Main battery	Lithium-ion battery	
	Operating time ³	Approx. 23 hours (when using the standard battery) / Approx. 34 hours (when using the high-capacity battery)	Approx. 22 hours (when using the standard battery) / Approx. 33 hours (when using the high-capacity battery)
Additional functionality		Clock, speaker, vibration, battery voltage indicator, key back light, G-sensor, microphone receiver	Clock, speaker, vibration, battery voltage indicator, key back light, G-sensor, microphone receiver
Environmental performance	Operating temperature		-20~50°C ⁴
	Security level		IP54
	Drop resistance ⁵	0.2m x over 1000 times / 1.5m x 30 times (5 times on each six sides) on a concrete floor	
	Mass (including battery, stylus pen, hard-belt) ⁶	Approx. 330g	Approx. 340g

* 1: The liquid panel is made with high-precision technology. Though the number of pixels available is 99.99%, please understand that there is 0.01% chance of the display being scrambled and turned off. 2: Network range and transmission speed are logical variables and accordingly, these may vary depending on the actual environmental condition. * 3: In the case of decode:wireless communication:screen update:stand by = 1:1:20 and LCD back light is Low, turn ON the wireless only when connected to the network and turn OFF at other times. The operating time is for reference only at room temperature and it may vary depending on working conditions. * 4: The temperature rises from 0 to 40°C while charging. * 5: This is a test value, not a guaranteed value. * 6: The value when using the standard battery

Option (sold separately)

•Holder, which performs data communication with BHT communication unit and the up-level device

•CU-1233(RS-232C/USB communication + main body charging + reserve battery charging)

•CU1211(Ethernet communication + main body charging + reserve battery charging)



	CU-1233	CU-1211
Communication mode	Compy with RS-232/USB2.0 Full speed	Ethernet (100BASE-TX)
Charging time (main body)	Standard battery: about 3 hours, high-capacity battery: about 4.5 hours	
Reserve charging	Standard battery: about 3 hours, high-capacity battery: about 4.5 hours	
Size	133(D)x97(W)x101(H)	
Working voltage	AC adapter (AD3-1012/3000-2)	



•Direct cable

A cable to connect BHT and the up-level device
• RS-232C type • USB type

Standard battery

•Battery

- BT-110LA (standard battery only)
- BT-120LA-C (standard battery + battery cover)
- BT-110L (high-capacity battery only)
- BT-120L-C (high-capacity battery + battery cover)
- SCBHT-1100/1200 (Soft case for BHT-1200 bar code model)
- SCBHT-1200Q (Soft case for BHT-1200 2D code model)
- WBBHT-1200 (waist-pack case)
- SBBHT-700 (shoulder-belt)

High-capacity battery

For more information, please visit our website
<http://www.denso-wave.com/en/adcd/>



•Appearance and specifications are subject to change without prior notice. •Description stated in this catalogue is as of June, 2012.

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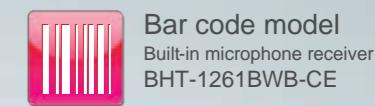
BHT-1200
SERIES

DENSO

NEW>

HANDY TERMINAL

**BHT-1200
SERIES**



Bar code model
Built-in microphone receiver
BHT-1261BWB-CE



2D code model
Built-in microphone receiver
BHT-1261QWB-CE



[Actual size]



Best design, which makes it easier to grip and simple to operate



Fast wireless communication, supporting IEEE802.11b/g/n



Increase the work efficiency with overwhelming scan-performance



Increase business efficiency. Expand functionality. Global model with high specifications

Easy to operate

Strengthen the advantages of PDA and make up for the weaknesses



Simple to operate with only one hand, even with just your thumbs

Keys are placed and arranged to enable one-handed operation



Easy to grip

About the size of a smartphone (57mm) and with a slim-shape that fits easily in your hands



Stable grip

Stable to use, by holding the handle in one hand



12 functional keys

Set up frequently used functions with sufficient numbers of functional keys. You can use the product in a dark place, thanks to the key back light.



The big screen allows you to see the information easily at a glance

Display screen with 3.5 inch high-precision HVGA clearly shows even small-sized characters



Decoding performance Overwhelming speed! Strong on decoding even over long distances away

(Bar code model)

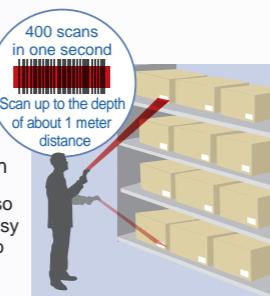
400 scans in one second. Decodes even complicated codes at high speed

Decoding speed is almost twice as fast compared to conventional laser scanners. As the product decodes even scratched or damaged codes, you can work fast without being stressed

(Bar code model)

Read the code from a long distance away, without changing position

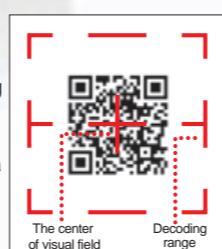
Read not only codes nearby, but also codes placed about a meter away. Easy to decode codes placed from floor to shelf in a same position



(2D code model)

Improved operability with a laser to indicate the decoding range and the central point

Range guide mark, which acquired a patent in Japan, supports speedy decoding
* Patent no.3562395



Global support system

Experience Japanese levels of quality and service, worldwide



Available in more than 40 countries across the world! Total support system

DENSO group operates globally, providing prompt support across a full range of services, from sales to maintenance.

Language options allow you to change the language being displayed.

<Countries where BHT-1200 is used>
Japan, EU(27 countries), USA, Canada, Taiwan, Korea, Australia, New Zealand, Thailand, Malaysia, Indonesia, Philippines, Hong Kong, China, Russia, Brazil

Support an integrated management tool with the world's largest market share. Drastically reduce the cost and effort required for application updates.

BHT-1200 supports MobiControl, an integrated management tool for terminals¹. Regardless of whether it is used in Japan or overseas, the terminal is managed by the management server, resulting in a reduction in the cost and effort required to run it, and meaning it runs seamlessly, saving you stress * A separate contract is required to use MobiControl.

Examples of using MobiControl

* MobiControl is Soty, Inc's registered trademark

Synchronize the management server and the terminal

Collect data from each terminal and distribute the data stored on the server

Installing the software automatically updates it

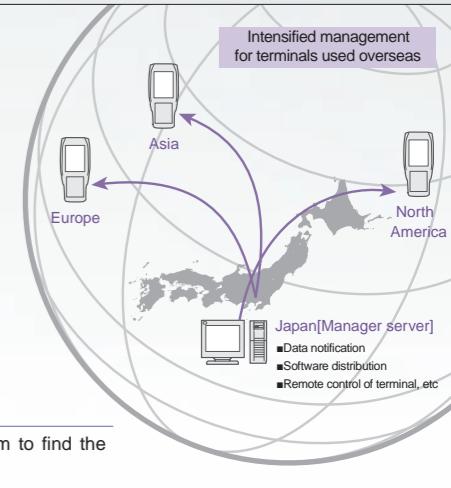
Easy to update and install the unit application

Identify the fault of the terminal where the error has occurred

Compare and analyze the terminal program to find the cause of failure

Enhanced security against leakage of information

Embedded with security functions against loss of terminal, server attack and information leakage



Wireless and security

The stability and speed required for business-use



Fast wireless communication

Avoid delays caused by congestion

Support IEEE802.11b/g/n. High-speed communication, without congestion in wireless network. Connect to the wireless network in 1 second, using the company's own driver

For example

After break

After replacing the battery

Power ON

Reconnect by wireless

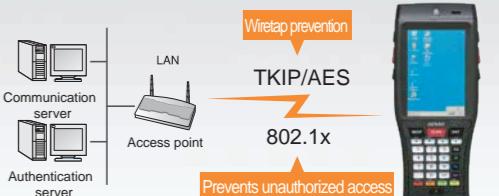
Access point

1 second at most



Prevent unauthorized access and wiretapping

Embedded with WPA/WPA2, highly reliable security technique, together with WEP



Camera 5.0 megapixel-level digital camera



Take a photo of defective products while inspecting

Double-functional product with 5.0 megapixel-level digital camera function. Convenient auto-focus and built-in mini size light



Data backup



Back up RAM data in MicroSDHC



Flash ROM with high-capacity of 2GB, use it without worries about the capacity

Durability



Usable in a cold storage and even in the open air during the summer! Operating temperature -20°C to 50°C



Cylindrical 'jacket-structure', protecting the board from impact, dust and water